

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Hotels and motels (SIC 7010)			
Scientific and technical personnel.....	2,780	0.2	(nc)
Managers of scientific and technical personnel .....	420	<	(nc)
Computer and information systems managers .....	270	<	14
Engineering managers .....	150	<	15
Scientists .....	870	0.1	(nc)
Computer scientists .....	870	0.1	(nc)
Network and computer systems administrators .....	740	<	7
Network systems/data communications analysts .....	130	<	31
Engineers .....	350	<	(nc)
Civil .....	170	<	28
Electrical/electronics .....	40	<	(nc)
Electrical .....	40	<	28
Mechanical .....	60	<	24
Sales .....	80	<	11
Technicians .....	1,140	0.1	(nc)
Computer, numerical tool, and process control programmers .....	160	<	(nc)
Computer programmers .....	160	<	17
Engineering technicians .....	980	0.1	(nc)
Electronical/electronics engineering technicians .....	90	<	16
Electro-mechanical technicians .....	50	<	17
All other engineering technicians .....	840	0.1	(nc)
Audio and video equipment technicians .....	840	0.1	9
Laundry, cleaning, and garment services (SIC 7210)			
Scientific and technical personnel.....	260	0.1	(nc)
Scientists .....	30	<	(nc)
Social scientists .....	30	<	(nc)
Market research analysts .....	30	<	40
Engineers .....	70	<	(nc)
Industrial .....	70	<	39
Technicians .....	160	<	(nc)
Computer, numerical tool, and process control programmers .....	160	<	(nc)
Computer programmers .....	160	<	27
Photographic studios, portrait (SIC 7220)			
Scientific and technical personnel.....	80	0.1	(nc)
Technicians .....	80	0.1	(nc)
Computer, numerical tool, and process control programmers .....	80	0.1	(nc)
Computer programmers .....	80	0.1	27

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Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
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Funeral service and crematories (SIC 7260)			
Scientific and technical personnel.....	140	0.1	(nc)
Managers of scientific and technical personnel .....	30	<	(nc)
Computer and information systems managers .....	30	<	33
Technicians .....	110	0.1	(nc)
Computer, numerical tool, and process control programmers .....	110	0.1	(nc)
Computer programmers .....	110	0.1	26
Misc. personal services (SIC 7290)			
Scientific and technical personnel.....	540	0.2	(nc)
Managers of scientific and technical personnel .....	30	<	(nc)
Computer and information systems managers .....	30	<	16
Scientists .....	160	0.1	(nc)
Computer scientists .....	100	<	(nc)
Network and computer systems administrators .....	30	<	29
Network systems/data communications analysts .....	70	<	23
Social scientists .....	60	<	(nc)
Market research analysts .....	60	<	23
Engineers .....	30	<	(nc)
Electrical/electronics .....	30	<	(nc)
Electronics .....	30	<	47
Technicians .....	320	0.2	(nc)
Computer, numerical tool, and process control programmers .....	320	0.2	(nc)
Computer programmers .....	320	0.2	18
Advertising (SIC 7310)			
Scientific and technical personnel.....	11,800	4.2	(nc)
Managers of scientific and technical personnel .....	1,290	0.5	(nc)
Computer and information systems managers .....	1,170	0.4	11
Engineering managers .....	120	<	35
Scientists .....	7,620	2.7	(nc)
Computer scientists .....	5,320	1.9	(nc)
Computer software, applications .....	1,020	0.4	15
Computer software, systems .....	920	0.3	23
Computer systems analysts .....	1,060	0.4	15
Network and computer systems administrators .....	1,140	0.4	7
Network systems/data communications analysts .....	1,180	0.4	18
Mathematical scientists .....	110	<	(nc)
Operations and systems researchers and analysts .....	110	<	22
Social scientists .....	2,190	0.8	(nc)
Market research analysts .....	2,190	0.8	9

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Advertising (SIC 7310) -- continued:			
Engineers .....	140	0.1	(nc)
Computer .....	50	<	32
Electrical/electronics .....	90	<	(nc)
Electronics .....	90	<	32
Technicians .....	2,750	1.0	(nc)
Computer, numerical tool, and process control programmers .....	2,300	0.8	(nc)
Computer programmers .....	2,300	0.8	9
Engineering technicians .....	450	0.2	(nc)
Electronical/electronics engineering technicians .....	60	<	34
All other engineering technicians .....	390	0.1	(nc)
Audio and video equipment technicians .....	150	0.1	14
Broadcast technicians .....	240	0.1	17
Credit reporting and collection (SIC 7320)			
Scientific and technical personnel.....	3,680	2.2	(nc)
Managers of scientific and technical personnel .....	660	0.4	(nc)
Computer and information systems managers .....	660	0.4	6
Scientists .....	1,630	1.0	(nc)
Computer scientists .....	1,490	0.9	(nc)
Computer software, applications .....	100	0.1	19
Computer systems analysts .....	720	0.4	8
Network and computer systems administrators .....	520	0.3	8
Network systems/data communications analysts .....	150	0.1	9
Social scientists .....	140	0.1	(nc)
Market research analysts .....	140	0.1	8
Technicians .....	1,390	0.8	(nc)
Computer, numerical tool, and process control programmers .....	1,390	0.8	(nc)
Computer programmers .....	1,390	0.8	6
Mailing, reproduction, and stenographic (SIC 7330)			
Scientific and technical personnel.....	8,890	2.8	(nc)
Managers of scientific and technical personnel .....	910	0.3	(nc)
Computer and information systems managers .....	910	0.3	5
Scientists .....	5,050	1.6	(nc)
Computer scientists .....	4,420	1.4	(nc)
Computer software, applications .....	1,310	0.4	23
Computer software, systems .....	240	0.1	45
Computer systems analysts .....	950	0.3	20
Network and computer systems administrators .....	1,310	0.4	11
Network systems/data communications analysts .....	610	0.2	13

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Mailing, reproduction, and stenographic (SIC 7330) -- continued:			
Mathematical scientists .....	140	<	(nc)
Operations and systems researchers and analysts .....	140	<	26
Social scientists .....	490	0.2	(nc)
Market research analysts .....	490	0.2	15
Engineers .....	140	<	(nc)
Sales .....	140	<	41
Technicians .....	2,790	0.9	(nc)
Computer, numerical tool, and process control programmers .....	2,590	0.8	(nc)
Computer programmers .....	2,590	0.8	7
Drafters .....	110	<	(nc)
Mechanical drafters .....	110	<	30
Surveying, cartographic, photogrammetric, and mapping technicians .....	90	<	(nc)
Cartographers and photogrammetrists .....	90	<	12
Services to buildings (SIC 7340)			
Scientific and technical personnel.....	410	<	(nc)
Managers of scientific and technical personnel .....	120	<	(nc)
Computer and information systems managers .....	120	<	23
Engineers .....	230	<	(nc)
Mechanical .....	230	<	31
Technicians .....	60	<	(nc)
Engineering technicians .....	60	<	(nc)
Electrical/electronics engineering technicians .....	60	<	28
Misc. equipment rental and leasing (SIC 7350)			
Scientific and technical personnel.....	3,840	1.3	(nc)
Managers of scientific and technical personnel .....	320	0.1	(nc)
Computer and information systems managers .....	320	0.1	12
Scientists .....	620	0.2	(nc)
Computer scientists .....	540	0.2	(nc)
Computer software, applications .....	40	<	38
Computer software, systems .....	260	0.1	32
Computer systems analysts .....	30	<	35
Network and computer systems administrators .....	210	0.1	19
Social scientists .....	80	<	(nc)
Market research analysts .....	80	<	21

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[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Misc. equipment rental and leasing (SIC 7350) -- continued:			
Engineers .....	520	0.2	(nc)
Civil .....	40	<	21
Mechanical .....	480	0.2	17
Technicians .....	2,380	0.8	(nc)
Computer, numerical tool, and process control programmers .....	160	0.1	(nc)
Computer programmers .....	160	0.1	14
Engineering technicians .....	2,220	0.8	(nc)
Electrical/electronics engineering technicians .....	180	0.1	23
Mechanical engineering technicians .....	50	<	49
All other engineering technicians .....	1,990	0.7	(nc)
Audio and video equipment technicians .....	1,990	0.7	17
Personnel supply services (SIC 7360)			
Scientific and technical personnel .....	78,520	2.3	(nc)
Managers of scientific and technical personnel .....	2,280	0.1	(nc)
Computer and information systems managers .....	2,100	0.1	11
Engineering managers .....	180	<	18
Scientists .....	22,350	0.6	(nc)
Computer scientists .....	18,320	0.5	(nc)
Computer software, applications .....	3,160	0.1	12
Computer software, systems .....	3,090	0.1	23
Computer systems analysts .....	6,720	0.2	8
Network and computer systems administrators .....	3,560	0.1	8
Network systems/data communications analysts .....	1,790	0.1	16
Life scientists .....	520	<	(nc)
Biochemists and biophysicists .....	290	<	44
Medical scientists, except epidemiologists .....	80	<	39
Microbiologists .....	150	<	38
Mathematical scientists .....	100	<	(nc)
Operations and systems researchers and analysts .....	100	<	20
Physical scientists .....	1,240	<	(nc)
Chemists .....	990	<	15
Environmental scientists and specialists, including health .....	60	<	35
Geoscientists, except hydrologists and geographers .....	190	<	35
Social scientists .....	2,170	0.1	(nc)
Clinical, counseling, and school psychologists .....	330	<	24
Market research analysts .....	790	<	23
Survey researchers .....	1,050	<	47

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[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Personnel supply services (SIC 7360) -- continued:			
Engineers .....	21,230	0.6	(nc)
Aeronautical .....	1,450	<	32
Civil .....	1,250	<	22
Computer .....	890	<	17
Electrical/electronics .....	4,590	0.1	(nc)
Electrical .....	3,640	0.1	19
Electronics .....	950	<	17
Industrial .....	2,600	0.1	20
Mechanical .....	10,090	0.3	43
Sales .....	140	<	35
Other engineers .....	220	<	(nc)
Biomedical .....	50	<	41
Chemical .....	50	<	25
Environmental .....	80	<	28
Safety .....	40	<	26
Technicians .....	32,660	1.0	(nc)
Computer, numerical tool, and process control programmers .....	15,110	0.4	(nc)
Computer programmers .....	14,810	0.4	13
Numerical tool and process control programmers .....	300	<	43
Drafters .....	4,900	0.1	(nc)
Architectural and civil drafters .....	1,100	<	27
Electrical and electronics drafters .....	2,000	0.1	14
Mechanical drafters .....	1,800	0.1	15
Engineering technicians .....	10,580	0.3	(nc)
Civil engineering technicians .....	50	<	33
Electronical/electronics engineering technicians .....	5,940	0.2	15
Electro-mechanical technicians .....	1,710	0.1	30
Environmental engineering technicians .....	80	<	23
Industrial engineering technicians .....	540	<	23
Mechanical engineering technicians .....	2,260	0.1	11
Physical and life science technicians .....	1,210	<	(nc)
Agricultural and food science technicians .....	270	<	39
Biological technicians .....	320	<	17
Chemical technicians, except health .....	620	<	17
Surveying, cartographic, photogrammetric, and mapping technicians .....	860	<	(nc)
Cartographers and photogrammetrists .....	50	<	25
Surveying and mapping technicians .....	510	<	15
Surveyors .....	300	<	18

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Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Computer and data processing services (SIC 7370)			
Scientific and technical personnel.....	897,920	45.2	(nc)
Managers of scientific and technical personnel .....	73,550	3.7	(nc)
Computer and information systems managers .....	60,660	3.1	3
Engineering managers .....	12,730	0.6	13
Natural sciences managers .....	160	<	44
Scientists .....	559,660	28.2	(nc)
Computer scientists .....	535,470	26.9	(nc)
Computer and information scientists, research .....	9,390	0.5	8
Computer software, applications .....	183,620	9.2	3
Computer software, systems .....	104,130	5.2	5
Computer systems analysts .....	144,330	7.3	10
Network and computer systems administrators .....	58,800	3.0	6
Network systems/data communications analysts .....	35,200	1.8	7
Life scientists .....	40	<	(nc)
Medical scientists, except epidemiologists .....	40	<	37
Mathematical scientists .....	12,060	0.6	(nc)
Actuaries .....	80	<	25
Operations and systems researchers and analysts .....	11,600	0.6	8
Statisticians .....	380	<	42
Physical scientists .....	290	<	(nc)
Atmospheric and space scientists .....	250	<	25
Geoscientists, except hydrologists and geographers .....	40	<	46
Social scientists .....	11,800	0.6	(nc)
Economists .....	130	<	32
Market research analysts .....	11,670	0.6	16
Engineers .....	40,240	2.0	(nc)
Civil .....	100	<	23
Computer .....	13,070	0.7	7
Electrical/electronics .....	6,230	0.3	(nc)
Electrical .....	4,150	0.2	22
Electronics .....	2,080	0.1	15
Industrial .....	7,990	0.4	9
Mechanical .....	310	<	16
Sales .....	12,330	0.6	12
Other engineers .....	210	<	(nc)
Environmental .....	140	<	34
Safety .....	70	<	40

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Computer and data processing services (SIC 7370) -- continued:			
Technicians .....	224,470	11.3	(nc)
Computer, numerical tool, and process control programmers .....	207,680	10.5	(nc)
Computer programmers .....	207,680	10.5	4
Drafters .....	2,820	0.1	(nc)
Electrical and electronics drafters .....	2,360	0.1	38
Mechanical drafters .....	460	<	39
Engineering technicians .....	13,850	0.7	(nc)
Electrical/electronics engineering technicians .....	9,230	0.5	20
Electro-mechanical technicians .....	50	<	28
Industrial engineering technicians .....	3,470	0.2	13
Mechanical engineering technicians .....	110	<	34
All other engineering technicians .....	990	0.1	(nc)
Audio and video equipment technicians .....	930	0.1	27
Broadcast technicians .....	60	<	25
Physical and life science technicians .....	70	<	(nc)
Geological and petroleum technicians .....	70	<	40
Surveying, cartographic, photogrammetric, and mapping technicians .....	50	<	(nc)
Cartographers and photogrammetrists .....	50	<	27
Misc. business services (SIC 7380)			
Scientific and technical personnel.....	32,000	1.8	(nc)
Managers of scientific and technical personnel .....	3,920	0.2	(nc)
Computer and information systems managers .....	3,710	0.2	8
Engineering managers .....	210	<	22
Scientists .....	11,480	0.6	(nc)
Computer scientists .....	9,700	0.5	(nc)
Computer and information scientists, research .....	70	<	27
Computer software, applications .....	1,460	0.1	20
Computer software, systems .....	520	<	16
Computer systems analysts .....	4,770	0.3	14
Network and computer systems administrators .....	2,140	0.1	8
Network systems/data communications analysts .....	740	<	14
Physical scientists .....	180	<	(nc)
Chemists .....	180	<	44
Social scientists .....	1,600	0.1	(nc)
Market research analysts .....	740	<	13
Survey researchers .....	860	0.1	47
Engineers .....	3,290	0.2	(nc)
Computer .....	110	<	21
Electrical/electronics .....	810	<	(nc)
Electrical .....	600	<	40
Electronics .....	210	<	29
Industrial .....	1,220	0.1	41
Mechanical .....	1,150	0.1	37

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Misc. business services (SIC 7380) -- continued:			
Technicians .....	13,310	0.7	(nc)
Computer, numerical tool, and process control programmers .....	6,260	0.4	(nc)
Computer programmers .....	6,260	0.4	8
Drafters .....	2,740	0.2	(nc)
Architectural and civil drafters .....	1,110	0.1	46
Electrical and electronics drafters .....	900	0.1	42
Mechanical drafters .....	730	<	35
Engineering technicians .....	1,900	0.1	(nc)
Electrical/electronics engineering technicians .....	790	<	20
Electro-mechanical technicians .....	330	<	20
Industrial engineering technicians .....	100	<	43
Mechanical engineering technicians .....	480	<	37
All other engineering technicians .....	200	<	(nc)
Audio and video equipment technicians .....	200	<	33
Surveying, cartographic, photogrammetric, and mapping technicians .....	2,410	0.1	(nc)
Cartographers and photogrammetrists .....	490	<	40
Surveying and mapping technicians .....	1,490	0.1	23
Surveyors .....	430	<	23
Automobile rentals, no drivers (SIC 7510)			
Scientific and technical personnel.....	2,330	1.1	(nc)
Managers of scientific and technical personnel .....	580	0.3	(nc)
Computer and information systems managers .....	580	0.3	20
Scientists .....	710	0.3	(nc)
Computer scientists .....	610	0.3	(nc)
Computer software, applications .....	510	0.2	33
Computer systems analysts .....	100	0.1	39
Mathematical scientists .....	50	<	(nc)
Operations and systems researchers and analysts .....	50	<	36
Social scientists .....	50	<	(nc)
Market research analysts .....	50	<	23
Engineers .....	230	0.1	(nc)
Mechanical .....	30	<	38
Sales .....	200	0.1	33
Technicians .....	810	0.4	(nc)
Computer, numerical tool, and process control programmers .....	730	0.3	(nc)
Computer programmers .....	730	0.3	19
Engineering technicians .....	80	<	(nc)
All other engineering technicians .....	80	<	(nc)
Transportation inspectors .....	80	<	33

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Automobile repair shops (SIC 7530)			
Scientific and technical personnel.....	1,080	0.2	(nc)
Scientists .....	340	0.1	(nc)
Computer scientists .....	340	0.1	(nc)
Computer software, applications .....	80	<	37
Computer systems analysts .....	50	<	34
Network and computer systems administrators .....	210	<	23
Engineers .....	90	<	(nc)
Electrical/electronics .....	50	<	(nc)
Electrical .....	50	<	35
Mechanical .....	40	<	50
Technicians .....	650	0.1	(nc)
Computer, numerical tool, and process control programmers .....	330	0.1	(nc)
Computer programmers .....	330	0.1	26
Drafters .....	120	<	(nc)
Electrical and electronics drafters .....	70	<	46
Mechanical drafters .....	50	<	38
Engineering technicians .....	200	<	(nc)
Electrical/electronics engineering technicians .....	150	<	39
All other engineering technicians .....	50	<	(nc)
Transportation inspectors .....	50	<	38
Automobile services, except repair (SIC 7540)			
Scientific and technical personnel.....	770	0.3	(nc)
Technicians .....	770	0.3	(nc)
Computer, numerical tool, and process control programmers .....	40	<	(nc)
Computer programmers .....	40	<	48
Engineering technicians .....	730	0.3	(nc)
All other engineering technicians .....	730	0.3	(nc)
Transportation inspectors .....	730	0.3	32
Electrical repair shops (SIC 7620)			
Scientific and technical personnel.....	3,800	3.6	(nc)
Managers of scientific and technical personnel .....	70	0.1	(nc)
Computer and information systems managers .....	40	<	40
Engineering managers .....	30	<	16
Scientists .....	270	0.3	(nc)
Computer scientists .....	270	0.3	(nc)
Computer software, applications .....	40	<	18
Computer software, systems .....	50	0.1	33
Computer systems analysts .....	30	<	37
Network and computer systems administrators .....	150	0.1	7

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Electrical repair shops (SIC 7620) -- continued:			
Engineers .....	880	0.8	(nc)
Computer .....	100	0.1	38
Electrical/electronics .....	740	0.7	(nc)
Electrical .....	430	0.4	12
Electronics .....	310	0.3	11
Industrial .....	40	<	34
Technicians .....			
Computer, numerical tool, and process control programmers .....	2,580	2.4	(nc)
Computer programmers .....	270	0.3	(nc)
Computer programmers .....	270	0.3	8
Drafters .....	200	0.2	(nc)
Electrical and electronics drafters .....	130	0.1	21
Mechanical drafters .....	70	0.1	30
Engineering technicians .....	2,110	2.0	(nc)
Electrical/electronics engineering technicians .....	1,710	1.6	10
Electro-mechanical technicians .....	310	0.3	11
All other engineering technicians .....	90	0.1	(nc)
Audio and video equipment technicians .....	90	0.1	30
Misc. repair shops (SIC 7690)			
Scientific and technical personnel.....	3,930	1.7	(nc)
Managers of scientific and technical personnel .....	150	0.1	(nc)
Engineering managers .....	150	0.1	36
Scientists .....	310	0.1	(nc)
Computer scientists .....	190	0.1	(nc)
Network and computer systems administrators .....	190	0.1	26
Social scientists .....	120	0.1	(nc)
Market research analysts .....	120	0.1	38
Engineers .....	1,570	0.7	(nc)
Electrical/electronics .....	710	0.3	(nc)
Electrical .....	550	0.2	27
Electronics .....	160	0.1	23
Mechanical .....	750	0.3	45
Sales .....	110	0.1	49
Technicians .....	1,900	0.8	(nc)
Computer, numerical tool, and process control programmers .....	250	0.1	(nc)
Computer programmers .....	250	0.1	34
Drafters .....	250	0.1	(nc)
Electrical and electronics drafters .....	40	<	15
Mechanical drafters .....	210	0.1	15
Engineering technicians .....	1,400	0.6	(nc)
Aerospace engineering and operations technicians .....	30	<	40
Electrical/electronics engineering technicians .....	800	0.3	23
Electro-mechanical technicians .....	570	0.3	24

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Motion picture production and services (SIC 7810)			
Scientific and technical personnel.....	15,230	5.9	(nc)
Managers of scientific and technical personnel .....	1,220	0.5	(nc)
Computer and information systems managers .....	730	0.3	25
Engineering managers .....	490	0.2	26
Scientists .....	2,690	1.0	(nc)
Computer scientists .....	2,580	1.0	(nc)
Computer software, applications .....	590	0.2	28
Computer software, systems .....	370	0.1	25
Computer systems analysts .....	820	0.3	40
Network and computer systems administrators .....	460	0.2	19
Network systems/data communications analysts .....	340	0.1	21
Social scientists .....	110	<	(nc)
Market research analysts .....	110	<	35
Engineers .....	920	0.4	(nc)
Electrical/electronics .....	250	0.1	(nc)
Electrical .....	120	0.1	34
Electronics .....	130	0.1	24
Industrial .....	570	0.2	39
Sales .....	100	<	35
Technicians .....	10,400	4.0	(nc)
Computer, numerical tool, and process control programmers .....	1,240	0.5	(nc)
Computer programmers .....	1,240	0.5	21
Engineering technicians .....	9,160	3.6	(nc)
Electrical/electronics engineering technicians .....	920	0.4	16
All other engineering technicians .....	8,240	3.2	(nc)
Audio and video equipment technicians .....	6,640	2.6	14
Broadcast technicians .....	1,600	0.6	14
Motion picture distribution and services (SIC 7820)			
Scientific and technical personnel.....	650	4.0	(nc)
Managers of scientific and technical personnel .....	140	0.9	(nc)
Computer and information systems managers .....	140	0.9	13
Scientists .....	220	1.3	(nc)
Computer scientists .....	220	1.3	(nc)
Computer software, applications .....	80	0.5	35
Computer software, systems .....	30	0.2	23
Network and computer systems administrators .....	60	0.4	15
Network systems/data communications analysts .....	50	0.3	14

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Motion picture distribution and services (SIC 7820) -- continued:			
Engineers .....	30	0.2	(nc)
Industrial .....	30	0.2	23
Technicians .....	260	1.6	(nc)
Computer, numerical tool, and process control programmers .....	200	1.2	(nc)
Computer programmers .....	200	1.2	26
Engineering technicians .....	60	0.4	(nc)
All other engineering technicians .....	60	0.4	(nc)
Audio and video equipment technicians .....	60	0.4	18
Motion picture theaters (SIC 7830)			
Scientific and technical personnel.....	220	0.2	(nc)
Managers of scientific and technical personnel .....	50	<	(nc)
Computer and information systems managers .....	50	<	35
Technicians .....	170	0.1	(nc)
Engineering technicians .....	170	0.1	(nc)
All other engineering technicians .....	170	0.1	(nc)
Audio and video equipment technicians .....	170	0.1	24
Video tape rental (SIC 7840)			
Scientific and technical personnel.....	260	0.2	(nc)
Managers of scientific and technical personnel .....	30	<	(nc)
Computer and information systems managers .....	30	<	17
Scientists .....	30	<	(nc)
Computer scientists .....	30	<	(nc)
Network and computer systems administrators .....	30	<	41
Technicians .....	200	0.1	(nc)
Computer, numerical tool, and process control programmers .....	60	<	(nc)
Computer programmers .....	60	<	14
Engineering technicians .....	140	0.1	(nc)
All other engineering technicians .....	140	0.1	(nc)
Audio and video equipment technicians .....	140	0.1	41
Producers, orchestras, and entertainers (SIC 7920)			
Scientific and technical personnel.....	3,170	1.8	(nc)
Managers of scientific and technical personnel .....	60	<	(nc)
Computer and information systems managers .....	60	<	13

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Producers, orchestras, and entertainers (SIC 7920) -- continued:			
Scientists .....	170	0.1	(nc)
Computer scientists .....	40	<	(nc)
Network and computer systems administrators .....	40	<	14
Social scientists .....	130	0.1	(nc)
Market research analysts .....	130	0.1	15
Technicians .....	2,940	1.7	(nc)
Computer, numerical tool, and process control programmers .....	190	0.1	(nc)
Computer programmers .....	190	0.1	7
Engineering technicians .....	2,750	1.6	(nc)
Electronical/electronics engineering technicians .....	270	0.2	29
All other engineering technicians .....	2,480	1.4	(nc)
Audio and video equipment technicians .....	2,480	1.4	16
Commercial sports (SIC 7940)			
Scientific and technical personnel.....	1,610	1.1	(nc)
Managers of scientific and technical personnel .....	40	<	(nc)
Computer and information systems managers .....	40	<	33
Scientists .....	150	0.1	(nc)
Computer scientists .....	40	<	(nc)
Network systems/data communications analysts .....	40	<	10
Social scientists .....	110	0.1	(nc)
Market research analysts .....	110	0.1	11
Engineers .....	190	0.1	(nc)
Mechanical .....	190	0.1	24
Technicians .....	1,230	0.8	(nc)
Computer, numerical tool, and process control programmers .....	210	0.1	(nc)
Computer programmers .....	210	0.1	9
Engineering technicians .....	1,020	0.7	(nc)
All other engineering technicians .....	1,020	0.7	(nc)
Audio and video equipment technicians .....	790	0.5	11
Broadcast technicians .....	230	0.2	18
Misc. amusement, recreation services (SIC 7990)			
Scientific and technical personnel.....	2,030	0.2	(nc)
Managers of scientific and technical personnel .....	290	<	(nc)
Computer and information systems managers .....	160	<	17
Engineering managers .....	50	<	19
Natural sciences managers .....	80	<	17

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Misc. amusement, recreation services (SIC 7990) -- continued:			
Scientists .....	550	0.1	(nc)
Computer scientists .....	310	<	(nc)
Computer systems analysts .....	80	<	7
Network and computer systems administrators .....	130	<	13
Network systems/data communications analysts .....	100	<	16
Life scientists .....	30	<	(nc)
Zoologists and wildlife biologists .....	30	<	11
Social scientists .....	210	<	(nc)
Market research analysts .....	210	<	10
Engineers .....	90	<	(nc)
Other engineers .....	90	<	(nc)
Environmental .....	90	<	14
Technicians .....	1,100	0.1	(nc)
Computer, numerical tool, and process control programmers .....	420	<	(nc)
Computer programmers .....	420	<	12
Engineering technicians .....	680	0.1	(nc)
All other engineering technicians .....	680	0.1	(nc)
Audio and video equipment technicians .....	680	0.1	22
Offices and clinics of medical doctors (SIC 8010)			
Scientific and technical personnel.....	12,510	0.6	(nc)
Managers of scientific and technical personnel .....	1,580	0.1	(nc)
Computer and information systems managers .....	1,580	0.1	8
Scientists .....	10,620	0.5	(nc)
Computer scientists .....	2,650	0.1	(nc)
Computer software, applications .....	500	<	11
Computer software, systems .....	40	<	17
Computer systems analysts .....	800	<	14
Network and computer systems administrators .....	1,120	0.1	7
Network systems/data communications analysts .....	190	<	12
Life scientists .....	1,140	0.1	(nc)
Biochemists and biophysicists .....	50	<	39
Medical scientists, except epidemiologists .....	850	<	23
Microbiologists .....	240	<	28
Mathematical scientists .....	150	<	(nc)
Actuaries .....	150	<	33
Physical scientists .....	130	<	(nc)
Chemists .....	30	<	39
Physicists .....	100	<	26
Social scientists .....	6,550	0.3	(nc)
Clinical, counseling, and school psychologists .....	6,250	0.3	26
Economists .....	60	<	37
Market research analysts .....	240	<	20

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Offices and clinics of medical doctors (SIC 8010) -- continued:			
Engineers .....	160	<	(nc)
Other engineers .....	160	<	(nc)
Biomedical .....	160	<	28
Technicians .....	150	<	(nc)
Engineering technicians .....	40	<	(nc)
Environmental engineering technicians .....	40	<	41
Physical and life science technicians .....	110	<	(nc)
Biological technicians .....	110	<	21
Offices and clinics of dentists (SIC 8020)			
Scientific and technical personnel.....	30	<	(nc)
Scientists .....	30	<	(nc)
Computer scientists .....	30	<	(nc)
Network and computer systems administrators .....	30	<	46
Offices of osteopathic physicians (SIC 8030)			
Scientific and technical personnel.....	50	0.1	(nc)
Scientists .....	50	0.1	(nc)
Social scientists .....	50	0.1	(nc)
Clinical, counseling, and school psychologists .....	50	0.1	23
Offices of other health practitioners (SIC 8040)			
Scientific and technical personnel.....	10,000	2.1	(nc)
Managers of scientific and technical personnel .....	80	<	(nc)
Computer and information systems managers .....	80	<	10
Scientists .....	9,840	2.1	(nc)
Computer scientists .....	300	0.1	(nc)
Computer software, applications .....	140	<	30
Network and computer systems administrators .....	110	<	19
Network systems/data communications analysts .....	50	<	33
Life scientists .....	120	<	(nc)
Medical scientists, except epidemiologists .....	120	<	35
Social scientists .....	9,420	2.0	(nc)
Clinical, counseling, and school psychologists .....	9,290	2.0	9
Industrial-Organizational psychologists .....	40	<	37
Market research analysts .....	90	<	23
Technicians .....	80	<	(nc)
Computer, numerical tool, and process control programmers .....	80	<	(nc)
Computer programmers .....	80	<	38

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Nursing and personal care facilities (SIC 8050)			
Scientific and technical personnel.....	1,810	0.1	(nc)
Managers of scientific and technical personnel .....	470	<	(nc)
Computer and information systems managers .....	470	<	8
Scientists .....	1,170	0.1	(nc)
Computer scientists .....	370	<	(nc)
Computer software, applications .....	110	<	20
Network and computer systems administrators .....	260	<	10
Social scientists .....	800	<	(nc)
Clinical, counseling, and school psychologists .....	390	<	15
Industrial-Organizational psychologists .....	50	<	43
Market research analysts .....	310	<	14
Sociologists .....	50	<	38
Technicians .....	170	<	(nc)
Computer, numerical tool, and process control programmers .....	170	<	(nc)
Computer programmers .....	170	<	16
Hospitals (SIC 8060)			
Scientific and technical personnel.....	70,810	1.4	(nc)
Managers of scientific and technical personnel .....	8,050	0.2	(nc)
Computer and information systems managers .....	7,040	0.1	3
Engineering managers .....	510	<	6
Natural sciences managers .....	500	<	11
Scientists .....	50,670	1.0	(nc)
Computer scientists .....	23,950	0.5	(nc)
Computer and information scientists, research .....	70	<	13
Computer software, applications .....	6,190	0.1	5
Computer software, systems .....	720	<	17
Computer systems analysts .....	8,700	0.2	4
Network and computer systems administrators .....	5,340	0.1	3
Network systems/data communications analysts .....	2,930	0.1	5
Life scientists .....	12,350	0.2	(nc)
Biochemists and biophysicists .....	560	<	24
Conservation scientists .....	40	<	17
Epidemiologists .....	590	<	9
Medical scientists, except epidemiologists .....	9,920	0.2	15
Microbiologists .....	1,240	<	5
Mathematical scientists .....	1,030	<	(nc)
Operations and systems researchers and analysts .....	600	<	8
Statisticians .....	430	<	12

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Hospitals (SIC 8060) -- continued:			
Physical scientists .....	1,590	<	(nc)
Chemists .....	430	<	12
Environmental scientists and specialists, including health .....	380	<	34
Physicists .....	780	<	8
Social scientists .....	11,750	0.2	(nc)
Clinical, counseling, and school psychologists .....	10,830	0.2	3
Historians .....	70	<	16
Industrial-Organizational psychologists .....	120	<	10
Market research analysts .....	730	<	6
Engineers .....	2,130	<	(nc)
Civil .....	160	<	21
Computer .....	30	<	16
Electrical/electronics .....	80	<	(nc)
Electrical .....	80	<	12
Industrial .....	60	<	11
Mechanical .....	140	<	10
Other engineers .....	1,660	<	(nc)
Biomedical .....	1,450	<	5
Safety .....	210	<	20
Technicians .....	9,960	0.2	(nc)
Computer, numerical tool, and process control programmers .....	5,800	0.1	(nc)
Computer programmers .....	5,800	0.1	4
Drafters .....	80	<	(nc)
Architectural and civil drafters .....	50	<	11
Electrical and electronics drafters .....	30	<	26
Engineering technicians .....	1,080	<	(nc)
Civil engineering technicians .....	40	<	14
Electronical/electronics engineering technicians .....	400	<	14
Electro-mechanical technicians .....	40	<	42
Environmental engineering technicians .....	90	<	24
Mechanical engineering technicians .....	140	<	17
All other engineering technicians .....	370	<	(nc)
Audio and video equipment technicians .....	370	<	6
Mathematical technicians .....	80	<	29
Physical and life science technicians .....	2,920	0.1	(nc)
Biological technicians .....	1,590	<	19
Chemical technicians, except health .....	360	<	46
Environmental science and protection technicians, including health .....	930	<	17
Nuclear technicians .....	40	<	19

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Medical and dental laboratories (SIC 8070)			
Scientific and technical personnel.....	6,960	3.1	(nc)
Managers of scientific and technical personnel .....	880	0.4	(nc)
Computer and information systems managers .....	500	0.2	8
Natural sciences managers .....	380	0.2	12
Scientists .....	3,380	1.5	(nc)
Computer scientists .....	1,150	0.5	(nc)
Computer software, applications .....	290	0.1	9
Computer software, systems .....	60	<	9
Computer systems analysts .....	310	0.1	14
Network and computer systems administrators .....	370	0.2	12
Network systems/data communications analysts .....	120	0.1	20
Life scientists .....	1,830	0.8	(nc)
Biochemists and biophysicists .....	120	0.1	29
Medical scientists, except epidemiologists .....	740	0.3	20
Microbiologists .....	970	0.4	15
Physical scientists .....	270	0.1	(nc)
Chemists .....	270	0.1	32
Social scientists .....	130	0.1	(nc)
Market research analysts .....	130	0.1	27
Engineers .....	150	0.1	(nc)
Sales .....	50	<	29
Other engineers .....	100	<	(nc)
Biomedical .....	100	<	13
Technicians .....	2,550	1.1	(nc)
Computer, numerical tool, and process control programmers .....	690	0.3	(nc)
Computer programmers .....	690	0.3	4
Physical and life science technicians .....	1,860	0.8	(nc)
Biological technicians .....	1,740	0.8	16
Chemical technicians, except health .....	120	0.1	46
Home health care services (SIC 8080)			
Scientific and technical personnel.....	1,710	0.3	(nc)
Managers of scientific and technical personnel .....	430	0.1	(nc)
Computer and information systems managers .....	430	0.1	6

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Home health care services (SIC 8080) -- continued:			
Scientists .....	1,010	0.2	(nc)
Computer scientists .....	320	0.1	(nc)
Computer software, applications .....	50	<	17
Network and computer systems administrators .....	210	<	7
Network systems/data communications analysts .....	60	<	21
Mathematical scientists .....	30	<	(nc)
Operations and systems researchers and analysts .....	30	<	38
Social scientists .....	660	0.1	(nc)
Clinical, counseling, and school psychologists .....	550	0.1	24
Market research analysts .....	110	<	18
Technicians .....	270	<	(nc)
Computer, numerical tool, and process control programmers .....	270	<	(nc)
Computer programmers .....	270	<	10
Health and allied services, n.e.c. (SIC 8090)			
Scientific and technical personnel.....	7,740	2.1	(nc)
Managers of scientific and technical personnel .....	780	0.2	(nc)
Computer and information systems managers .....	720	0.2	7
Natural sciences managers .....	60	<	15
Scientists .....	6,360	1.7	(nc)
Computer scientists .....	660	0.2	(nc)
Computer systems analysts .....	140	<	6
Network and computer systems administrators .....	450	0.1	5
Network systems/data communications analysts .....	70	<	11
Life scientists .....	150	<	(nc)
Medical scientists, except epidemiologists .....	150	<	16
Mathematical scientists .....	30	<	(nc)
Statisticians .....	30	<	30
Social scientists .....	5,520	1.5	(nc)
Clinical, counseling, and school psychologists .....	5,110	1.4	5
Market research analysts .....	410	0.1	27
Engineers .....	40	<	(nc)
Other engineers .....	40	<	(nc)
Biomedical .....	40	<	31
Technicians .....	560	0.2	(nc)
Computer, numerical tool, and process control programmers .....	560	0.2	(nc)
Computer programmers .....	560	0.2	9

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Legal services (SIC 8110)			
Scientific and technical personnel.....	8,790	0.8	(nc)
Managers of scientific and technical personnel .....	2,000	0.2	(nc)
Computer and information systems managers .....	2,000	0.2	6
Scientists .....	6,020	0.6	(nc)
Computer scientists .....	5,890	0.6	(nc)
Computer software, applications .....	1,020	0.1	13
Computer software, systems .....	400	<	11
Computer systems analysts .....	1,300	0.1	12
Network and computer systems administrators .....	2,430	0.2	7
Network systems/data communications analysts .....	740	0.1	7
Social scientists .....	130	<	(nc)
Market research analysts .....	130	<	11
Technicians .....	770	0.1	(nc)
Computer, numerical tool, and process control programmers .....	770	0.1	(nc)
Computer programmers .....	770	0.1	13
Elementary and secondary schools (SIC 8210)			
Scientific and technical personnel.....	55,480	0.7	(nc)
Managers of scientific and technical personnel .....	1,140	<	(nc)
Computer and information systems managers .....	1,090	<	7
Engineering managers .....	50	<	16
Scientists .....	49,280	0.6	(nc)
Computer scientists .....	12,670	0.2	(nc)
Computer software, applications .....	320	<	4
Computer software, systems .....	180	<	22
Computer systems analysts .....	1,290	<	5
Network and computer systems administrators .....	10,100	0.1	5
Network systems/data communications analysts .....	780	<	7
Mathematical scientists .....	90	<	(nc)
Operations and systems researchers and analysts .....	90	<	13
Social scientists .....	36,520	0.5	(nc)
Clinical, counseling, and school psychologists .....	36,520	0.5	3
Technicians .....	5,060	0.1	(nc)
Computer, numerical tool, and process control programmers .....	4,100	0.1	(nc)
Computer programmers .....	4,100	0.1	4
Engineering technicians .....	960	<	(nc)
Electrical/electronics engineering technicians .....	70	<	6
All other engineering technicians .....	890	<	(nc)
Audio and video equipment technicians .....	700	<	13
Broadcast technicians .....	190	<	37

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Colleges, universities, and professional (SIC 8220)			
Scientific and technical personnel.....	84,480	2.7	(nc)
Managers of scientific and technical personnel .....	12,000	0.4	(nc)
Computer and information systems managers .....	8,800	0.3	4
Engineering managers .....	1,290	<	8
Natural sciences managers .....	1,910	0.1	8
Scientists .....	46,320	1.5	(nc)
Computer scientists .....	29,460	0.9	(nc)
Computer and information scientists, research .....	350	<	10
Computer software, applications .....	4,040	0.1	8
Computer software, systems .....	1,190	<	16
Computer systems analysts .....	13,220	0.4	3
Network and computer systems administrators .....	7,640	0.2	3
Network systems/data communications analysts .....	3,020	0.1	4
Life scientists .....	9,070	0.3	(nc)
Agricultural scientists .....	1,250	<	14
Biochemists and biophysicists .....	430	<	11
Conservation scientists .....	90	<	26
Foresters .....	110	<	19
Medical scientists, except epidemiologists .....	7,030	0.2	15
Zoologists and wildlife biologists .....	160	<	5
Mathematical scientists .....	2,470	0.1	(nc)
Mathematicians .....	240	<	15
Operations and systems researchers and analysts .....	1,120	<	9
Statisticians .....	1,110	<	9
Physical scientists .....	2,150	0.1	(nc)
Environmental scientists and specialists, including health .....	1,860	0.1	15
Geoscientists, except hydrologists and geographers .....	290	<	31
Social scientists .....	3,170	0.1	(nc)
Anthropologists and archeologists .....	30	<	15
Clinical, counseling, and school psychologists .....	2,790	0.1	6
Economists .....	150	<	23
Market research analysts .....	200	<	11
Engineers .....	1,820	0.1	(nc)
Civil .....	630	<	7
Electrical/electronics .....	410	<	(nc)
Electrical .....	180	<	12
Electronics .....	230	<	13
Industrial .....	50	<	7
Mechanical .....	450	<	7
Other engineers .....	280	<	(nc)
Agricultural .....	40	<	4
Biomedical .....	120	<	12
Chemical .....	60	<	20
Safety .....	60	<	19

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Colleges, universities, and professional (SIC 8220) -- continued:			
Technicians .....	24,340	0.8	(nc)
Computer, numerical tool, and process control programmers .....	13,470	0.4	(nc)
Computer programmers .....	13,470	0.4	4
Drafters .....	40	<	(nc)
Electrical and electronics drafters .....	40	<	32
Engineering technicians .....	5,930	0.2	(nc)
Civil engineering technicians .....	190	<	8
Electrical/electronics engineering technicians .....	800	<	11
Mechanical engineering technicians .....	50	<	6
All other engineering technicians .....	4,890	0.2	(nc)
Audio and video equipment technicians .....	3,760	0.1	3
Broadcast technicians .....	1,130	<	7
Mathematical technicians .....	60	<	22
Physical and life science technicians .....	4,760	0.2	(nc)
Agricultural and food science technicians .....	2,330	0.1	24
Biological technicians .....	1,590	0.1	13
Chemical technicians, except health .....	550	<	9
Forest and conservation technicians .....	190	<	40
Geological and petroleum technicians .....	40	<	12
Nuclear technicians .....	60	<	20
Surveying, cartographic, photogrammetric, and mapping technicians .....	80	<	(nc)
Cartographers and photogrammetrists .....	80	<	20
Libraries (SIC 8230)			
Scientific and technical personnel.....	290	1.1	(nc)
Managers of scientific and technical personnel .....	60	0.2	(nc)
Computer and information systems managers .....	60	0.2	4
Scientists .....	190	0.7	(nc)
Computer scientists .....	190	0.7	(nc)
Network and computer systems administrators .....	190	0.7	13
Technicians .....	40	0.2	(nc)
Computer, numerical tool, and process control programmers .....	40	0.2	(nc)
Computer programmers .....	40	0.2	21
Vocational schools (SIC 8240)			
Scientific and technical personnel.....	2,260	1.8	(nc)
Managers of scientific and technical personnel .....	290	0.2	(nc)
Computer and information systems managers .....	290	0.2	9

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Vocational schools (SIC 8240) -- continued:			
Scientists .....	1,430	1.1	(nc)
Computer scientists .....	1,380	1.1	(nc)
Computer software, applications .....	180	0.1	36
Computer software, systems .....	80	0.1	25
Computer systems analysts .....	450	0.4	18
Network and computer systems administrators .....	460	0.4	11
Network systems/data communications analysts .....	210	0.2	30
Social scientists .....	50	<	(nc)
Market research analysts .....	50	<	27
Engineers .....	50	<	(nc)
Sales .....	50	<	29
Technicians .....	490	0.4	(nc)
Computer, numerical tool, and process control programmers .....	410	0.3	(nc)
Computer programmers .....	410	0.3	23
Engineering technicians .....	80	0.1	(nc)
All other engineering technicians .....	80	0.1	(nc)
Audio and video equipment technicians .....	80	0.1	18
Schools and educational services, n.e.c. (SIC 8290)			
Scientific and technical personnel.....	2,320	1.0	(nc)
Managers of scientific and technical personnel .....	370	0.2	(nc)
Computer and information systems managers .....	300	0.1	8
Engineering managers .....	30	<	29
Natural sciences managers .....	40	<	33
Scientists .....	1,250	0.6	(nc)
Computer scientists .....	900	0.4	(nc)
Computer software, applications .....	140	0.1	19
Computer systems analysts .....	230	0.1	13
Network and computer systems administrators .....	350	0.2	21
Network systems/data communications analysts .....	180	0.1	16
Social scientists .....	350	0.2	(nc)
Clinical, counseling, and school psychologists .....	220	0.1	12
Market research analysts .....	130	0.1	38
Technicians .....	700	0.3	(nc)
Computer, numerical tool, and process control programmers .....	550	0.2	(nc)
Computer programmers .....	550	0.2	14
Engineering technicians .....	150	0.1	(nc)
All other engineering technicians .....	150	0.1	(nc)
Audio and video equipment technicians .....	150	0.1	23

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Individual and family services (SIC 8320)			
Scientific and technical personnel.....	10,970	1.3	(nc)
Managers of scientific and technical personnel .....	720	0.1	(nc)
Computer and information systems managers .....	720	0.1	4
Scientists .....	9,640	1.1	(nc)
Computer scientists .....	1,090	0.1	(nc)
Computer software, applications .....	190	<	8
Computer software, systems .....	50	<	17
Computer systems analysts .....	140	<	20
Network and computer systems administrators .....	600	0.1	5
Network systems/data communications analysts .....	110	<	17
Mathematical scientists .....	40	<	(nc)
Operations and systems researchers and analysts .....	40	<	34
Social scientists .....	8,510	1.0	(nc)
Clinical, counseling, and school psychologists .....	8,510	1.0	6
Technicians .....	610	0.1	(nc)
Computer, numerical tool, and process control programmers .....	610	0.1	(nc)
Computer programmers .....	610	0.1	8
Job training and related services (SIC 8330)			
Scientific and technical personnel.....	1,640	0.5	(nc)
Managers of scientific and technical personnel .....	320	0.1	(nc)
Computer and information systems managers .....	320	0.1	5
Scientists .....	1,050	0.3	(nc)
Computer scientists .....	440	0.1	(nc)
Computer software, applications .....	70	<	14
Computer systems analysts .....	70	<	13
Network and computer systems administrators .....	300	0.1	6
Physical scientists .....	60	<	(nc)
Environmental scientists and specialists, including health .....	60	<	39
Social scientists .....	550	0.2	(nc)
Clinical, counseling, and school psychologists .....	450	0.2	10
Market research analysts .....	100	<	27
Technicians .....	270	0.1	(nc)
Computer, numerical tool, and process control programmers .....	270	0.1	(nc)
Computer programmers .....	270	0.1	6

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Child day care services (SIC 8350)			
Scientific and technical personnel.....	480	0.1	(nc)
Managers of scientific and technical personnel .....	100	<	(nc)
Computer and information systems managers .....	100	<	12
Scientists .....	280	<	(nc)
Computer scientists .....	60	<	(nc)
Network and computer systems administrators .....	60	<	7
Social scientists .....	220	<	(nc)
Clinical, counseling, and school psychologists .....	220	<	14
Technicians .....	100	<	(nc)
Computer, numerical tool, and process control programmers .....	100	<	(nc)
Computer programmers .....	100	<	18
Residential care (SIC 8360)			
Scientific and technical personnel.....	4,900	0.6	(nc)
Managers of scientific and technical personnel .....	550	0.1	(nc)
Computer and information systems managers .....	520	0.1	15
Natural sciences managers .....	30	<	48
Scientists .....	4,090	0.5	(nc)
Computer scientists .....	620	0.1	(nc)
Computer software, applications .....	80	<	20
Computer systems analysts .....	110	<	14
Network and computer systems administrators .....	310	<	8
Network systems/data communications analysts .....	120	<	48
Social scientists .....	3,470	0.4	(nc)
Clinical, counseling, and school psychologists .....	3,340	0.4	10
Market research analysts .....	130	<	14
Technicians .....	260	<	(nc)
Computer, numerical tool, and process control programmers .....	260	<	(nc)
Computer programmers .....	260	<	11
Social services, n.e.c. (SIC 8390)			
Scientific and technical personnel.....	3,110	1.4	(nc)
Managers of scientific and technical personnel .....	620	0.3	(nc)
Computer and information systems managers .....	620	0.3	8

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Social services, n.e.c. (SIC 8390) -- continued:			
Scientists .....	2,120	1.0	(nc)
Computer scientists .....	870	0.4	(nc)
Computer systems analysts .....	110	0.1	21
Network and computer systems administrators .....	670	0.3	13
Network systems/data communications analysts .....	90	<	17
Mathematical scientists .....	100	0.1	(nc)
Statisticians .....	100	0.1	35
Physical scientists .....	130	0.1	(nc)
Environmental scientists and specialists, including health .....	130	0.1	32
Social scientists .....	1,020	0.5	(nc)
Clinical, counseling, and school psychologists .....	390	0.2	9
Economists .....	150	0.1	32
Market research analysts .....	140	0.1	26
Survey researchers .....	190	0.1	41
Urban and regional planners .....	150	0.1	26
Technicians .....	370	0.2	(nc)
Computer, numerical tool, and process control programmers .....	370	0.2	(nc)
Computer programmers .....	370	0.2	13
Museums and art galleries (SIC 8410)			
Scientific and technical personnel.....	1,190	1.4	(nc)
Managers of scientific and technical personnel .....	260	0.3	(nc)
Computer and information systems managers .....	50	0.1	10
Natural sciences managers .....	210	0.3	16
Scientists .....	490	0.6	(nc)
Computer scientists .....	250	0.3	(nc)
Computer software, applications .....	80	0.1	36
Network and computer systems administrators .....	70	0.1	22
Network systems/data communications analysts .....	100	0.1	24
Life scientists .....	70	0.1	(nc)
Agricultural scientists .....	70	0.1	32
Social scientists .....	170	0.2	(nc)
Anthropologists and archeologists .....	50	0.1	5
Market research analysts .....	120	0.1	15
Engineers .....	50	0.1	(nc)
Other engineers .....	50	0.1	(nc)
Environmental .....	50	0.1	26
Technicians .....	390	0.5	(nc)
Computer, numerical tool, and process control programmers .....	110	0.1	(nc)
Computer programmers .....	110	0.1	10
Engineering technicians .....	280	0.3	(nc)
All other engineering technicians .....	280	0.3	(nc)
Audio and video equipment technicians .....	280	0.3	8

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Botanical and zoological gardens (SIC 8420)			
Scientific and technical personnel.....	1,090	4.0	(nc)
Managers of scientific and technical personnel .....	120	0.4	(nc)
Natural sciences managers .....	120	0.4	7
Scientists .....	900	3.3	(nc)
Life scientists .....	860	3.1	(nc)
Agricultural scientists .....	140	0.5	20
Conservation scientists .....	50	0.2	25
Zoologists and wildlife biologists .....	670	2.4	21
Social scientists .....	40	0.2	(nc)
Market research analysts .....	40	0.2	34
Technicians .....	70	0.3	(nc)
Engineering technicians .....	40	0.2	(nc)
All other engineering technicians .....	40	0.2	(nc)
Audio and video equipment technicians .....	40	0.2	14
Physical and life science technicians .....	30	0.1	(nc)
Biological technicians .....	30	0.1	15
Business associations (SIC 8610)			
Scientific and technical personnel.....	3,980	3.5	(nc)
Managers of scientific and technical personnel .....	760	0.7	(nc)
Computer and information systems managers .....	760	0.7	7
Scientists .....	2,570	2.3	(nc)
Computer scientists .....	1,150	1.0	(nc)
Computer software, applications .....	150	0.1	39
Computer systems analysts .....	150	0.1	25
Network and computer systems administrators .....	640	0.6	8
Network systems/data communications analysts .....	210	0.2	14
Mathematical scientists .....	320	0.3	(nc)
Statisticians .....	320	0.3	10
Social scientists .....	1,100	1.0	(nc)
Economists .....	170	0.2	16
Market research analysts .....	610	0.5	25
Survey researchers .....	320	0.3	25
Technicians .....	650	0.6	(nc)
Computer, numerical tool, and process control programmers .....	580	0.5	(nc)
Computer programmers .....	580	0.5	7
Physical and life science technicians .....	70	0.1	(nc)
Agricultural and food science technicians .....	70	0.1	17

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Professional organizations (SIC 8620)			
Scientific and technical personnel.....	4,080	5.7	(nc)
Managers of scientific and technical personnel .....	680	0.9	(nc)
Computer and information systems managers .....	680	0.9	5
Scientists .....	2,680	3.7	(nc)
Computer scientists .....	2,060	2.9	(nc)
Computer software, applications .....	950	1.3	46
Computer systems analysts .....	80	0.1	16
Network and computer systems administrators .....	730	1.0	11
Network systems/data communications analysts .....	300	0.4	16
Mathematical scientists .....	250	0.4	(nc)
Operations and systems researchers and analysts .....	40	0.1	33
Statisticians .....	210	0.3	13
Social scientists .....	370	0.5	(nc)
Economists .....	70	0.1	20
Market research analysts .....	140	0.2	11
Survey researchers .....	160	0.2	17
Technicians .....	720	1.0	(nc)
Computer, numerical tool, and process control programmers .....	720	1.0	(nc)
Computer programmers .....	720	1.0	7
Labor organizations (SIC 8630)			
Scientific and technical personnel.....	830	0.6	(nc)
Managers of scientific and technical personnel .....	160	0.1	(nc)
Computer and information systems managers .....	160	0.1	10
Scientists .....	390	0.3	(nc)
Computer scientists .....	160	0.1	(nc)
Network and computer systems administrators .....	160	0.1	8
Social scientists .....	230	0.2	(nc)
Economists .....	130	0.1	36
Survey researchers .....	100	0.1	15
Engineers .....	50	<	(nc)
Industrial .....	50	<	42
Technicians .....	230	0.2	(nc)
Computer, numerical tool, and process control programmers .....	230	0.2	(nc)
Computer programmers .....	230	0.2	12

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Civic and social associations (SIC 8640)			
Scientific and technical personnel.....	1,590	0.4	(nc)
Managers of scientific and technical personnel .....	390	0.1	(nc)
Computer and information systems managers .....	390	0.1	7
Scientists .....	850	0.2	(nc)
Computer scientists .....	360	0.1	(nc)
Computer systems analysts .....	30	<	20
Network and computer systems administrators .....	300	0.1	9
Network systems/data communications analysts .....	30	<	32
Life scientists .....	30	<	(nc)
Conservation scientists .....	30	<	20
Mathematical scientists .....	50	<	(nc)
Statisticians .....	50	<	41
Physical scientists .....	130	<	(nc)
Environmental scientists and specialists, including health .....	130	<	35
Social scientists .....	280	0.1	(nc)
Clinical, counseling, and school psychologists .....	210	0.1	15
Survey researchers .....	30	<	25
Urban and regional planners .....	40	<	20
Technicians .....	350	0.1	(nc)
Computer, numerical tool, and process control programmers .....	180	<	(nc)
Computer programmers .....	180	<	13
Engineering technicians .....	80	<	(nc)
All other engineering technicians .....	80	<	(nc)
Audio and video equipment technicians .....	80	<	38
Physical and life science technicians .....	90	<	(nc)
Environmental science and protection technicians, including health .....	90	<	24
Political organizations (SIC 8650)			
Scientific and technical personnel.....	130	2.0	(nc)
Managers of scientific and technical personnel .....	40	0.6	(nc)
Computer and information systems managers .....	40	0.6	21
Scientists .....	50	0.8	(nc)
Social scientists .....	50	0.8	(nc)
Political scientists .....	50	0.8	17
Technicians .....	40	0.6	(nc)
Computer, numerical tool, and process control programmers .....	40	0.6	(nc)
Computer programmers .....	40	0.6	7

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Religious organizations (SIC 8660)			
Scientific and technical personnel.....	1,090	0.7	(nc)
Managers of scientific and technical personnel .....	190	0.1	(nc)
Computer and information systems managers .....	190	0.1	20
Scientists .....	400	0.2	(nc)
Computer scientists .....	310	0.2	(nc)
Computer software, applications .....	40	<	24
Network and computer systems administrators .....	230	0.1	13
Network systems/data communications analysts .....	40	<	20
Social scientists .....	90	0.1	(nc)
Clinical, counseling, and school psychologists .....	90	0.1	19
Technicians .....	500	0.3	(nc)
Computer, numerical tool, and process control programmers .....	200	0.1	(nc)
Computer programmers .....	200	0.1	10
Engineering technicians .....	300	0.2	(nc)
All other engineering technicians .....	300	0.2	(nc)
Audio and video equipment technicians .....	210	0.1	22
Broadcast technicians .....	90	0.1	38
Membership organizations, n.e.c. (SIC 8690)			
Scientific and technical personnel.....	1,360	1.7	(nc)
Managers of scientific and technical personnel .....	260	0.3	(nc)
Computer and information systems managers .....	220	0.3	7
Natural sciences managers .....	40	0.1	40
Scientists .....	780	1.0	(nc)
Computer scientists .....	360	0.4	(nc)
Computer software, applications .....	30	<	35
Computer systems analysts .....	50	0.1	20
Network and computer systems administrators .....	190	0.2	8
Network systems/data communications analysts .....	90	0.1	28
Life scientists .....	290	0.4	(nc)
Agricultural scientists .....	30	<	21
Conservation scientists .....	180	0.2	16
Zoologists and wildlife biologists .....	80	0.1	13
Physical scientists .....	50	0.1	(nc)
Environmental scientists and specialists, including health .....	50	0.1	25
Social scientists .....	80	0.1	(nc)
Market research analysts .....	80	0.1	12

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Membership organizations, n.e.c. (SIC 8690) -- continued:			
Technicians .....	320	0.4	(nc)
Computer, numerical tool, and process control programmers .....	240	0.3	(nc)
Computer programmers .....	240	0.3	10
Physical and life science technicians .....	80	0.1	(nc)
Biological technicians .....	40	0.1	31
Forest and conservation technicians .....	40	0.1	30
Engineering and architectural services (SIC 8710)			
Scientific and technical personnel.....	560,270	54.2	(nc)
Managers of scientific and technical personnel .....	42,290	4.1	(nc)
Computer and information systems managers .....	4,250	0.4	7
Engineering managers .....	37,280	3.6	3
Natural sciences managers .....	760	0.1	37
Scientists .....	67,650	6.6	(nc)
Computer scientists .....	45,260	4.4	(nc)
Computer and information scientists, research .....	1,480	0.1	21
Computer software, applications .....	15,220	1.5	12
Computer software, systems .....	13,260	1.3	10
Computer systems analysts .....	7,610	0.7	9
Network and computer systems administrators .....	4,770	0.5	7
Network systems/data communications analysts .....	2,920	0.3	12
Life scientists .....	450	0.1	(nc)
Agricultural scientists .....	70	<	22
Biochemists and biophysicists .....	80	<	32
Zoologists and wildlife biologists .....	300	<	21
Mathematical scientists .....	3,990	0.4	(nc)
Operations and systems researchers and analysts .....	3,990	0.4	49
Physical scientists .....	13,570	1.3	(nc)
Atmospheric and space scientists .....	80	<	21
Chemists .....	970	0.1	13
Environmental scientists and specialists, including health .....	6,460	0.6	7
Geoscientists, except hydrologists and geographers .....	3,690	0.4	9
Hydrologists .....	1,470	0.1	12
Materials scientists .....	490	0.1	41
Physicists .....	410	<	21
Social scientists .....	4,380	0.4	(nc)
Anthropologists and archeologists .....	300	<	21
Economists .....	140	<	34
Geographers .....	70	<	28
Market research analysts .....	1,300	0.1	13
Survey researchers .....	100	<	33
Urban and regional planners .....	2,470	0.2	13

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Engineering and architectural services (SIC 8710) -- continued:			
Engineers .....	209,760	20.3	(nc)
Aeronautical .....	4,390	0.4	14
Civil .....	96,070	9.3	4
Computer .....	3,790	0.4	28
Electrical/electronics .....	37,920	3.7	(nc)
Electrical .....	30,240	2.9	7
Electronics .....	7,680	0.7	16
Industrial .....	7,250	0.7	29
Mechanical .....	31,250	3.0	5
Sales .....	2,880	0.3	38
Other engineers .....	26,210	2.5	(nc)
Agricultural .....	320	<	20
Biomedical .....	200	<	40
Chemical .....	3,510	0.3	11
Environmental .....	13,100	1.3	11
Marine .....	1,880	0.2	20
Metallurgical/metallurgists .....	770	0.1	17
Mining and geological .....	1,310	0.1	20
Nuclear .....	1,480	0.1	20
Petroleum .....	1,740	0.2	25
Safety .....	1,900	0.2	32
Technicians .....	240,570	23.3	(nc)
Computer, numerical tool, and process control programmers .....	4,560	0.4	(nc)
Computer programmers .....	4,560	0.4	11
Drafters .....	89,120	8.6	(nc)
Architectural and civil drafters .....	65,400	6.3	4
Electrical and electronics drafters .....	7,990	0.8	10
Mechanical drafters .....	15,730	1.5	8
Engineering technicians .....	62,200	6.0	(nc)
Aerospace engineering and operations technicians .....	1,490	0.1	26
Civil engineering technicians .....	34,120	3.3	5
Electrical/electronics engineering technicians .....	11,960	1.2	6
Electro-mechanical technicians .....	1,150	0.1	17
Environmental engineering technicians .....	4,920	0.5	13
Industrial engineering technicians .....	810	0.1	26
Mechanical engineering technicians .....	7,640	0.7	8
All other engineering technicians .....	110	<	(nc)
Audio and video equipment technicians .....	40	<	42
Traffic technicians .....	70	<	32
Physical and life science technicians .....	3,540	0.4	(nc)
Biological technicians .....	260	<	31
Chemical technicians, except health .....	810	0.1	20
Environmental science and protection technicians, including health .....	1,360	0.1	10
Geological and petroleum technicians .....	1,110	0.1	25

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Engineering and architectural services (SIC 8710) -- continued:			
Surveying, cartographic, photogrammetric, and mapping technicians .....	81,150	7.9	(nc)
Cartographers and photogrammetrists .....	2,790	0.3	12
Surveying and mapping technicians .....	35,930	3.5	6
Surveyors .....	42,430	4.1	5
Accounting, auditing, and bookkeeping (SIC 8720)			
Scientific and technical personnel.....	20,270	3.0	(nc)
Managers of scientific and technical personnel .....	3,200	0.5	(nc)
Computer and information systems managers .....	3,130	0.5	8
Engineering managers .....	70	<	19
Scientists .....	13,730	2.0	(nc)
Computer scientists .....	11,750	1.7	(nc)
Computer and information scientists, research .....	290	<	18
Computer software, applications .....	2,450	0.4	13
Computer software, systems .....	1,340	0.2	17
Computer systems analysts .....	4,010	0.6	9
Network and computer systems administrators .....	2,690	0.4	9
Network systems/data communications analysts .....	970	0.1	13
Mathematical scientists .....	1,210	0.2	(nc)
Actuaries .....	150	<	32
Operations and systems researchers and analysts .....	1,060	0.2	17
Social scientists .....	770	0.1	(nc)
Market research analysts .....	770	0.1	19
Engineers .....	370	0.1	(nc)
Civil .....	40	<	35
Industrial .....	50	<	42
Sales .....	250	<	26
Other engineers .....	30	<	(nc)
Safety .....	30	<	32
Technicians .....	2,970	0.4	(nc)
Computer, numerical tool, and process control programmers .....	2,450	0.4	(nc)
Computer programmers .....	2,450	0.4	13
Drafters .....	60	<	(nc)
Architectural and civil drafters .....	60	<	34
Engineering technicians .....	360	0.1	(nc)
Electrical/electronics engineering technicians .....	360	0.1	42
Physical and life science technicians .....	100	<	(nc)
Chemical technicians, except health .....	100	<	34

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Research and testing services (SIC 8730)			
Scientific and technical personnel.....	241,530	36.0	(nc)
Managers of scientific and technical personnel .....	20,400	3.1	(nc)
Computer and information systems managers .....	5,340	0.8	6
Engineering managers .....	6,910	1.0	5
Natural sciences managers .....	8,150	1.2	7
Scientists .....	118,990	17.8	(nc)
Computer scientists .....	26,390	3.9	(nc)
Computer and information scientists, research .....	2,580	0.4	11
Computer software, applications .....	6,190	0.9	7
Computer software, systems .....	7,500	1.1	11
Computer systems analysts .....	4,550	0.7	6
Network and computer systems administrators .....	3,380	0.5	8
Network systems/data communications analysts .....	2,190	0.3	7
Life scientists .....	29,360	4.4	(nc)
Agricultural scientists .....	1,480	0.2	11
Biochemists and biophysicists .....	6,550	1.0	11
Epidemiologists .....	400	0.1	17
Medical scientists, except epidemiologists .....	16,130	2.4	16
Microbiologists .....	3,060	0.5	14
Zoologists and wildlife biologists .....	1,740	0.3	47
Mathematical scientists .....	4,930	0.7	(nc)
Mathematicians .....	800	0.1	23
Operations and systems researchers and analysts .....	1,670	0.3	22
Statisticians .....	2,460	0.4	14
Physical scientists .....	32,570	4.9	(nc)
Astronomers .....	410	0.1	17
Atmospheric and space scientists .....	1,550	0.2	20
Chemists .....	19,820	3.0	11
Environmental scientists and specialists, including health .....	4,240	0.6	8
Geoscientists, except hydrologists and geographers .....	820	0.1	10
Hydrologists .....	130	<	14
Materials scientists .....	1,590	0.2	16
Physicists .....	4,010	0.6	16
Social scientists .....	25,740	3.9	(nc)
Anthropologists and archeologists .....	1,460	0.2	16
Economists .....	2,310	0.3	31
Historians .....	210	<	25
Industrial-Organizational psychologists .....	380	0.1	36
Market research analysts .....	8,920	1.3	12
Political scientists .....	650	0.1	36
Sociologists .....	980	0.2	12
Survey researchers .....	10,760	1.6	9
Urban and regional planners .....	70	<	21

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Research and testing services (SIC 8730) -- continued:			
Engineers .....	36,840	5.5	(nc)
Aeronautical .....	2,210	0.3	17
Civil .....	1,720	0.3	12
Computer .....	2,040	0.3	13
Electrical/electronics .....	9,600	1.4	(nc)
Electrical .....	5,640	0.8	10
Electronics .....	3,960	0.6	10
Industrial .....	2,700	0.4	12
Mechanical .....	5,760	0.9	8
Sales .....	890	0.1	15
Other engineers .....	11,920	1.8	(nc)
Agricultural .....	300	<	39
Biomedical .....	1,030	0.2	29
Chemical .....	2,750	0.4	19
Environmental .....	2,030	0.3	12
Marine .....	30	<	38
Metallurgical/metallurgists .....	1,490	0.2	16
Mining and geological .....	130	<	41
Nuclear .....	2,370	0.4	20
Petroleum .....	140	<	42
Safety .....	1,650	0.3	15
Technicians .....	65,300	9.7	(nc)
Computer, numerical tool, and process control programmers .....	6,590	1.0	(nc)
Computer programmers .....	6,590	1.0	8
Drafters .....	1,250	0.2	(nc)
Architectural and civil drafters .....	270	<	13
Electrical and electronics drafters .....	300	<	11
Mechanical drafters .....	680	0.1	10
Engineering technicians .....	17,200	2.6	(nc)
Aerospace engineering and operations technicians .....	600	0.1	17
Civil engineering technicians .....	2,030	0.3	14
Electrical/electronics engineering technicians .....	6,210	0.9	9
Electro-mechanical technicians .....	1,820	0.3	13
Environmental engineering technicians .....	1,960	0.3	11
Industrial engineering technicians .....	820	0.1	24
Mechanical engineering technicians .....	3,690	0.6	10
All other engineering technicians .....	70	<	(nc)
Audio and video equipment technicians .....	70	<	18
Mathematical technicians .....	170	<	28

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Research and testing services (SIC 8730) -- continued:			
Physical and life science technicians .....	39,350	5.9	(nc)
Agricultural and food science technicians .....	3,420	0.5	21
Biological technicians .....	16,770	2.5	6
Chemical technicians, except health .....	13,740	2.1	12
Environmental science and protection technicians, including health .....	3,820	0.6	13
Forensic science technicians .....	100	<	37
Geological and petroleum technicians .....	890	0.1	19
Nuclear technicians .....	610	0.1	19
Surveying, cartographic, photogrammetric, and mapping technicians .....	740	0.1	(nc)
Surveying and mapping technicians .....	520	0.1	26
Surveyors .....	220	<	40
Management and public relations (SIC 8740)			
Scientific and technical personnel.....	152,970	13.1	(nc)
Managers of scientific and technical personnel .....	14,890	1.3	(nc)
Computer and information systems managers .....	7,800	0.7	5
Engineering managers .....	5,600	0.5	11
Natural sciences managers .....	1,490	0.1	30
Scientists .....	76,370	6.5	(nc)
Computer scientists .....	39,560	3.4	(nc)
Computer and information scientists, research .....	900	0.1	17
Computer software, applications .....	8,660	0.7	7
Computer software, systems .....	5,150	0.4	7
Computer systems analysts .....	10,620	0.9	12
Network and computer systems administrators .....	6,390	0.5	13
Network systems/data communications analysts .....	7,840	0.7	15
Life scientists .....	690	0.1	(nc)
Agricultural scientists .....	600	0.1	21
Conservation scientists .....	90	<	38
Mathematical scientists .....	6,280	0.5	(nc)
Actuaries .....	700	0.1	20
Operations and systems researchers and analysts .....	3,940	0.3	21
Statisticians .....	1,640	0.1	41
Physical scientists .....	14,240	1.2	(nc)
Atmospheric and space scientists .....	190	<	23
Chemists .....	1,480	0.1	26
Environmental scientists and specialists, including health .....	8,390	0.7	8
Geoscientists, except hydrologists and geographers .....	2,750	0.2	18
Hydrologists .....	1,350	0.1	14
Physicists .....	80	<	18

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Management and public relations (SIC 8740) -- continued:			
Social scientists .....	15,600	1.4	(nc)
Anthropologists and archeologists .....	470	<	23
Clinical, counseling, and school psychologists .....	210	<	24
Economists .....	1,210	0.1	18
Geographers .....	100	<	29
Historians .....	80	<	35
Industrial-Organizational psychologists .....	300	<	41
Market research analysts .....	9,490	0.8	18
Political scientists .....	530	0.1	14
Survey researchers .....	1,730	0.2	36
Urban and regional planners .....	1,480	0.1	17
Engineers .....			
Aeronautical .....	690	0.1	31
Civil .....	8,580	0.7	21
Electrical/electronics .....	3,810	0.3	(nc)
Electrical .....	1,900	0.2	16
Electronics .....	1,910	0.2	16
Industrial .....	1,620	0.1	21
Mechanical .....	3,110	0.3	20
Sales .....	1,240	0.1	16
Other engineers .....	8,490	0.7	(nc)
Agricultural .....	220	<	30
Chemical .....	1,100	0.1	40
Environmental .....	5,000	0.4	7
Mining and geological .....	170	<	32
Safety .....	2,000	0.2	28
Technicians .....			
Computer, numerical tool, and process control programmers .....	14,620	1.3	(nc)
Computer programmers .....	14,620	1.3	16
Drafters .....	4,680	0.4	(nc)
Architectural and civil drafters .....	3,220	0.3	36
Electrical and electronics drafters .....	380	<	36
Mechanical drafters .....	1,080	0.1	17
Engineering technicians .....	8,040	0.7	(nc)
Aerospace engineering and operations technicians .....	190	<	24
Civil engineering technicians .....	2,100	0.2	19
Electrical/electronics engineering technicians .....	2,520	0.2	15
Environmental engineering technicians .....	1,560	0.1	17
Industrial engineering technicians .....	330	<	33
Mechanical engineering technicians .....	990	0.1	20
All other engineering technicians .....	350	<	(nc)
Audio and video equipment technicians .....	220	<	43
Transportation inspectors .....	130	<	27

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Management and public relations (SIC 8740) -- continued:			
Mathematical technicians .....	100	<	21
Physical and life science technicians .....	5,190	0.5	(nc)
Agricultural and food science technicians .....	650	0.1	37
Biological technicians .....	520	<	32
Chemical technicians, except health .....	670	0.1	32
Environmental science and protection technicians, including health .....	2,810	0.2	10
Geological and petroleum technicians .....	430	<	24
Nuclear technicians .....	110	<	4
Surveying, cartographic, photogrammetric, and mapping technicians .....	1,540	0.1	(nc)
Cartographers and photogrammetrists .....	370	<	26
Surveying and mapping technicians .....	660	0.1	16
Surveyors .....	510	<	30
Services, n.e.c. (SIC 8990)			
Scientific and technical personnel.....	11,110	22.0	(nc)
Managers of scientific and technical personnel .....	550	1.1	(nc)
Computer and information systems managers .....	260	0.5	11
Engineering managers .....	140	0.3	11
Natural sciences managers .....	150	0.3	17
Scientists .....	7,360	14.6	(nc)
Computer scientists .....	1,030	2.1	(nc)
Computer and information scientists, research .....	160	0.3	29
Computer software, applications .....	170	0.3	12
Computer software, systems .....	200	0.4	31
Computer systems analysts .....	210	0.4	4
Network and computer systems administrators .....	190	0.4	8
Network systems/data communications analysts .....	100	0.2	16
Life scientists .....	120	0.2	(nc)
Zoologists and wildlife biologists .....	120	0.2	21
Mathematical scientists .....	2,130	4.2	(nc)
Actuaries .....	1,760	3.5	12
Mathematicians .....	110	0.2	36
Operations and systems researchers and analysts .....	100	0.2	43
Statisticians .....	160	0.3	38
Physical scientists .....	3,510	7.0	(nc)
Atmospheric and space scientists .....	780	1.5	10
Chemists .....	70	0.1	16
Environmental scientists and specialists, including health .....	1,180	2.3	25
Geoscientists, except hydrologists and geographers .....	1,140	2.3	11
Hydrologists .....	250	0.5	10
Physicists .....	90	0.2	15
Social scientists .....	570	1.1	(nc)
Anthropologists and archeologists .....	310	0.6	30
Clinical, counseling, and school psychologists .....	30	0.1	36
Industrial-Organizational psychologists .....	110	0.2	42
Market research analysts .....	120	0.2	22

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Services, n.e.c. (SIC 8990) -- continued:			
Engineers .....	1,450	2.9	(nc)
Civil .....	370	0.7	14
Mechanical .....	60	0.1	22
Sales .....	150	0.3	7
Other engineers .....	870	1.7	(nc)
Chemical .....	80	0.2	31
Environmental .....	600	1.2	18
Nuclear .....	100	0.2	36
Petroleum .....	40	0.1	28
Safety .....	50	0.1	37
Technicians .....	1,750	3.5	(nc)
Computer, numerical tool, and process control programmers .....	380	0.8	(nc)
Computer programmers .....	380	0.8	10
Drafters .....	80	0.2	(nc)
Architectural and civil drafters .....	80	0.2	13
Engineering technicians .....	520	1.0	(nc)
Civil engineering technicians .....	80	0.2	9
Electrical/electronics engineering technicians .....	120	0.2	17
Environmental engineering technicians .....	320	0.6	18
Physical and life science technicians .....	690	1.4	(nc)
Chemical technicians, except health .....	40	0.1	30
Environmental science and protection technicians, including health .....	270	0.5	11
Geological and petroleum technicians .....	260	0.5	14
Nuclear technicians .....	120	0.2	20
Surveying, cartographic, photogrammetric, and mapping technicians .....	80	0.2	(nc)
Cartographers and photogrammetrists .....	30	0.1	29
Surveying and mapping technicians .....	50	0.1	7
Federal government (SIC 9010)			
Scientific and technical personnel.....	259,970	10.0	(nc)
Managers of scientific and technical personnel .....	31,570	1.2	(nc)
Computer and information systems managers .....	5,620	0.2	<
Engineering managers .....	13,540	0.5	<
Natural sciences managers .....	12,410	0.5	<
Scientists .....	113,760	4.4	(nc)
Computer scientists .....	51,440	2.0	(nc)
Computer and information scientists, research .....	3,870	0.2	<
Computer systems analysts .....	46,910	1.8	<
Network and computer systems administrators .....	80	<	<
Network systems/data communications analysts .....	580	<	<

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Federal government (SIC 9010) -- continued:			
Life scientists .....	19,280	0.7	(nc)
Agricultural scientists .....	2,460	0.1	<
Biochemists and biophysicists .....	340	<	<
Conservation scientists .....	6,790	0.3	<
Foresters .....	2,650	0.1	<
Medical scientists, except epidemiologists .....	1,200	0.1	<
Microbiologists .....	2,050	0.1	<
Zoologists and wildlife biologists .....	3,790	0.2	<
Mathematical scientists .....	9,820	0.4	(nc)
Actuaries .....	180	<	<
Mathematicians .....	1,170	0.1	<
Operations and systems researchers and analysts .....	5,110	0.2	<
Statisticians .....	3,360	0.1	<
Physical scientists .....	22,490	0.9	(nc)
Astronomers .....	430	<	<
Atmospheric and space scientists .....	2,650	0.1	<
Chemists .....	5,590	0.2	<
Environmental scientists and specialists, including health .....	5,250	0.2	<
Geoscientists, except hydrologists and geographers .....	2,710	0.1	<
Hydrologists .....	2,280	0.1	<
Materials scientists .....	110	<	<
Physicists .....	3,470	0.1	<
Social scientists .....	10,730	0.4	(nc)
Anthropologists and archeologists .....	1,130	<	<
Economists .....	3,940	0.2	<
Geographers .....	440	<	<
Historians .....	530	<	<
Market research analysts .....	1,530	0.1	<
Political scientists .....	2,640	0.1	<
Sociologists .....	60	<	<
Urban and regional planners .....	460	<	<
Engineers .....	64,670	2.5	(nc)
Aeronautical .....	7,020	0.3	<
Civil .....	8,950	0.3	<
Computer .....	3,070	0.1	<
Electrical/electronics .....	22,030	0.9	(nc)
Electrical .....	3,380	0.1	<
Electronics .....	18,650	0.7	<
Industrial .....	2,550	0.1	<
Mechanical .....	8,890	0.3	<

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Federal government (SIC 9010) -- continued:			
Other engineers .....	12,160	0.5	(nc)
Agricultural .....	320	<	<
Biomedical .....	240	<	<
Chemical .....	1,010	<	<
Environmental .....	4,290	0.2	<
Marine .....	760	<	<
Metallurgical/metallurgists .....	1,090	<	<
Mining and geological .....	200	<	<
Nuclear .....	1,890	0.1	<
Petroleum .....	280	<	<
Safety .....	2,080	0.1	<
Technicians .....	49,970	1.9	(nc)
Computer, numerical tool, and process control programmers .....	70	<	(nc)
Computer programmers .....	70	<	<
Drafters .....	660	<	(nc)
Architectural and civil drafters .....	660	<	<
Engineering technicians .....	28,140	1.1	(nc)
Electrical/electronics engineering technicians .....	16,300	0.6	<
Electro-mechanical technicians .....	6,260	0.2	<
Industrial engineering technicians .....	1,110	<	<
Mechanical engineering technicians .....	120	<	<
All other engineering technicians .....	4,350	0.2	(nc)
Broadcast technicians .....	120	<	<
Transportation inspectors .....	4,230	0.2	<
Mathematical technicians .....	60	<	<
Physical and life science technicians .....	18,180	0.7	(nc)
Biological technicians .....	7,070	0.3	<
Chemical technicians, except health .....	120	<	<
Environmental science and protection technicians, including health .....	350	<	<
Forensic science technicians .....	70	<	<
Forest and conservation technicians .....	10,570	0.4	<
Surveying, cartographic, photogrammetric, and mapping technicians .....	2,860	0.1	(nc)
Cartographers and photogrammetrists .....	940	<	<
Surveying and mapping technicians .....	1,530	0.1	<
Surveyors .....	390	<	<
State government (SIC 9020)			
Scientific and technical personnel.....	199,410	8.7	(nc)
Managers of scientific and technical personnel .....	11,180	0.5	(nc)
Computer and information systems managers .....	5,290	0.2	<
Engineering managers .....	2,400	0.1	<
Natural sciences managers .....	3,490	0.2	<

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
State government (SIC 9020) -- continued:			
Scientists .....	84,750	3.7	(nc)
Computer scientists .....	31,400	1.4	(nc)
Computer and information scientists, research .....	50	<	<
Computer software, applications .....	4,680	0.2	<
Computer software, systems .....	1,440	0.1	<
Computer systems analysts .....	16,790	0.7	<
Network and computer systems administrators .....	3,560	0.2	<
Network systems/data communications analysts .....	4,880	0.2	<
Life scientists .....	14,310	0.6	(nc)
Agricultural scientists .....	670	<	<
Biochemists and biophysicists .....	260	<	<
Conservation scientists .....	2,750	0.1	<
Epidemiologists .....	840	<	<
Foresters .....	3,140	0.1	<
Medical scientists, except epidemiologists .....	430	<	<
Microbiologists .....	1,360	0.1	<
Zoologists and wildlife biologists .....	4,860	0.2	<
Mathematical scientists .....	4,870	0.2	(nc)
Actuaries .....	350	<	<
Operations and systems researchers and analysts .....	2,840	0.1	<
Statisticians .....	1,680	0.1	<
Physical scientists .....	22,120	1.0	(nc)
Atmospheric and space scientists .....	140	<	<
Chemists .....	2,430	0.1	<
Environmental scientists and specialists, including health .....	15,430	0.7	<
Geoscientists, except hydrologists and geographers .....	2,720	0.1	<
Hydrologists .....	1,090	0.1	<
Physicists .....	310	<	<
Social scientists .....	12,050	0.5	(nc)
Anthropologists and archeologists .....	390	<	<
Clinical, counseling, and school psychologists .....	4,600	0.2	<
Economists .....	2,100	0.1	<
Historians .....	400	<	<
Market research analysts .....	620	<	<
Sociologists .....	150	<	<
Survey researchers .....	740	<	<
Urban and regional planners .....	3,050	0.1	<

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
State government (SIC 9020) -- continued:			
Engineers .....	41,410	1.8	(nc)
Civil .....	30,650	1.3	<
Electrical/electronics .....	1,280	0.1	(nc)
Electrical .....	950	<	<
Electronics .....	330	<	<
Industrial .....	90	<	<
Mechanical .....	530	<	<
Other engineers .....	8,860	0.4	(nc)
Environmental .....	6,560	0.3	<
Marine .....	90	<	<
Metallurgical/metallurgists .....	310	<	<
Mining and geological .....	340	<	<
Petroleum .....	80	<	<
Safety .....	1,480	0.1	<
Technicians .....	62,070	2.7	(nc)
Computer, numerical tool, and process control programmers .....	8,780	0.4	(nc)
Computer programmers .....	8,780	0.4	<
Drafters .....	1,570	0.1	(nc)
Architectural and civil drafters .....	1,570	0.1	<
Engineering technicians .....	31,830	1.4	(nc)
Civil engineering technicians .....	24,310	1.1	<
Electrical/electronics engineering technicians .....	1,200	0.1	<
Electro-mechanical technicians .....	70	<	<
Environmental engineering technicians .....	740	<	<
Mechanical engineering technicians .....	40	<	<
All other engineering technicians .....	5,470	0.2	(nc)
Audio and video equipment technicians .....	360	<	<
Broadcast technicians .....	570	<	<
Traffic technicians .....	1,580	0.1	<
Transportation inspectors .....	2,960	0.1	<
Mathematical technicians .....	200	<	<
Physical and life science technicians .....	15,250	0.7	(nc)
Agricultural and food science technicians .....	1,760	0.1	<
Biological technicians .....	2,920	0.1	<
Chemical technicians, except health .....	400	<	<
Environmental science and protection technicians, including health .....	3,620	0.2	<
Forensic science technicians .....	2,930	0.1	<
Forest and conservation technicians .....	3,290	0.1	<
Geological and petroleum technicians .....	330	<	<
Surveying, cartographic, photogrammetric, and mapping technicians .....	4,440	0.2	(nc)
Cartographers and photogrammetrists .....	420	<	<
Surveying and mapping technicians .....	2,250	0.1	<
Surveyors .....	1,770	0.1	<

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Local government (SIC 9030)			
Scientific and technical personnel.....	187,520	3.6	(nc)
Managers of scientific and technical personnel .....	14,420	0.3	(nc)
Computer and information systems managers .....	6,630	0.1	2
Engineering managers .....	6,630	0.1	3
Natural sciences managers .....	1,160	<	8
Scientists .....	76,010	1.5	(nc)
Computer scientists .....	27,720	0.5	(nc)
Computer and information scientists, research .....	60	<	31
Computer software, applications .....	3,270	0.1	5
Computer software, systems .....	440	<	9
Computer systems analysts .....	13,290	0.3	6
Network and computer systems administrators .....	6,250	0.1	3
Network systems/data communications analysts .....	4,410	0.1	3
Life scientists .....	5,440	0.1	(nc)
Agricultural scientists .....	840	<	7
Biochemists and biophysicists .....	70	<	19
Conservation scientists .....	1,920	<	10
Epidemiologists .....	580	<	6
Foresters .....	1,090	<	7
Medical scientists, except epidemiologists .....	160	<	14
Microbiologists .....	520	<	9
Zoologists and wildlife biologists .....	260	<	9
Mathematical scientists .....	860	<	(nc)
Actuaries .....	90	<	9
Operations and systems researchers and analysts .....	410	<	10
Statisticians .....	360	<	24
Physical scientists .....	12,010	0.2	(nc)
Chemists .....	1,870	<	5
Environmental scientists and specialists, including health .....	8,380	0.2	5
Geoscientists, except hydrologists and geographers .....	1,300	<	26
Hydrologists .....	400	<	15
Physicists .....	60	<	8
Social scientists .....	29,980	0.6	(nc)
Clinical, counseling, and school psychologists .....	4,660	0.1	6
Economists .....	810	<	6
Historians .....	230	<	11
Market research analysts .....	1,060	<	8
Sociologists .....	180	<	21
Survey researchers .....	190	<	14
Urban and regional planners .....	22,850	0.4	4

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Local government (SIC 9030) -- continued:			
Engineers .....	34,380	0.7	(nc)
Aeronautical .....	30	<	23
Civil .....	24,440	0.5	3
Computer .....	60	<	11
Electrical/electronics .....	3,910	0.1	(nc)
Electrical .....	3,410	0.1	6
Electronics .....	500	<	14
Industrial .....	160	<	11
Mechanical .....	1,050	<	6
Other engineers .....	4,730	0.1	(nc)
Biomedical .....	50	<	34
Chemical .....	130	<	9
Environmental .....	3,110	0.1	11
Safety .....	1,440	<	7
Technicians .....	62,710	1.2	(nc)
Computer, numerical tool, and process control programmers .....	9,670	0.2	(nc)
Computer programmers .....	9,670	0.2	3
Drafters .....	4,120	0.1	(nc)
Architectural and civil drafters .....	3,560	0.1	4
Electrical and electronics drafters .....	450	<	9
Mechanical drafters .....	110	<	26
Engineering technicians .....	26,630	0.5	(nc)
Civil engineering technicians .....	14,880	0.3	3
Electronical/electronics engineering technicians .....	4,370	0.1	5
Electro-mechanical technicians .....	360	<	30
Environmental engineering technicians .....	2,270	<	9
Industrial engineering technicians .....	220	<	13
Mechanical engineering technicians .....	250	<	20
All other engineering technicians .....	4,280	0.1	(nc)
Audio and video equipment technicians .....	940	<	10
Broadcast technicians .....	320	<	9
Traffic technicians .....	3,020	0.1	3
Mathematical technicians .....	40	<	38
Physical and life science technicians .....	10,910	0.2	(nc)
Agricultural and food science technicians .....	50	<	26
Biological technicians .....	230	<	13
Chemical technicians, except health .....	650	<	13
Environmental science and protection technicians, including health .....	5,430	0.1	5
Forensic science technicians .....	3,330	0.1	5
Forest and conservation technicians .....	1,100	<	17
Geological and petroleum technicians .....	30	<	13
Nuclear technicians .....	90	<	20
Surveying, cartographic, photogrammetric, and mapping technicians .....	11,340	0.2	(nc)
Cartographers and photogrammetrists .....	1,250	<	8
Surveying and mapping technicians .....	7,020	0.1	4
Surveyors .....	3,070	0.1	3

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Not allocated by industry <sup>3</sup>			
Scientific and technical personnel.....	181,680	(nc)	(nc)
Managers of scientific and technical personnel .....	6,900	(nc)	(nc)
Computer and information systems managers .....	2,100	(nc)	(nc)
Engineering managers .....	2,510	(nc)	(nc)
Natural sciences managers .....	2,290	(nc)	(nc)
Scientists .....	63,270	(nc)	(nc)
Computer scientists .....	24,280	(nc)	(nc)
Computer and information scientists, research .....	1,840	(nc)	(nc)
Computer software, applications .....	6,740	(nc)	(nc)
Computer software, systems .....	3,560	(nc)	(nc)
Computer systems analysts .....	5,120	(nc)	(nc)
Network and computer systems administrators .....	2,590	(nc)	(nc)
Network systems/data communications analysts .....	4,430	(nc)	(nc)
Life scientists .....	8,770	(nc)	(nc)
Agricultural scientists .....	450	(nc)	(nc)
Biochemists and biophysicists .....	990	(nc)	(nc)
Conservation scientists .....	810	(nc)	(nc)
Epidemiologists .....	1,520	(nc)	(nc)
Foresters .....	840	(nc)	(nc)
Medical scientists, except epidemiologists .....	1,560	(nc)	(nc)
Microbiologists .....	1,660	(nc)	(nc)
Zoologists and wildlife biologists .....	940	(nc)	(nc)
Mathematical scientists .....	5,650	(nc)	(nc)
Actuaries .....	780	(nc)	(nc)
Mathematicians .....	470	(nc)	(nc)
Operations and systems researchers and analysts .....	2,850	(nc)	(nc)
Statisticians .....	1,550	(nc)	(nc)
Physical scientists .....	11,400	(nc)	(nc)
Astronomers .....	60	(nc)	(nc)
Atmospheric and space scientists .....	390	(nc)	(nc)
Chemists .....	3,820	(nc)	(nc)
Environmental scientists and specialists, including health .....	920	(nc)	(nc)
Geoscientists, except hydrologists and geographers .....	2,410	(nc)	(nc)
Hydrologists .....	340	(nc)	(nc)
Materials scientists .....	2,510	(nc)	(nc)
Physicists .....	950	(nc)	(nc)

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Not allocated by industry <sup>3</sup> -- continued:			
Social scientists .....	13,170	(nc)	(nc)
Anthropologists and archeologists .....	50	(nc)	(nc)
Clinical, counseling, and school psychologists .....	600	(nc)	(nc)
Economists .....	890	(nc)	(nc)
Geographers .....	140	(nc)	(nc)
Historians .....	490	(nc)	(nc)
Industrial-Organizational psychologists .....	380	(nc)	(nc)
Market research analysts .....	5,340	(nc)	(nc)
Political scientists .....	350	(nc)	(nc)
Sociologists .....	400	(nc)	(nc)
Survey researchers .....	4,120	(nc)	(nc)
Urban and regional planners .....	410	(nc)	(nc)
Engineers .....	42,050	(nc)	(nc)
Aeronautical .....	810	(nc)	(nc)
Civil .....	2,850	(nc)	(nc)
Computer .....	3,350	(nc)	(nc)
Electrical/electronics .....	6,910	(nc)	(nc)
Electrical .....	4,240	(nc)	(nc)
Electronics .....	2,670	(nc)	(nc)
Industrial .....	5,070	(nc)	(nc)
Mechanical .....	5,470	(nc)	(nc)
Sales .....	3,670	(nc)	(nc)
Other engineers .....	13,920	(nc)	(nc)
Agricultural .....	1,080	(nc)	(nc)
Biomedical .....	600	(nc)	(nc)
Chemical .....	1,860	(nc)	(nc)
Environmental .....	2,070	(nc)	(nc)
Marine .....	740	(nc)	(nc)
Metallurgical/metallurgists .....	1,660	(nc)	(nc)
Mining and geological .....	1,000	(nc)	(nc)
Nuclear .....	500	(nc)	(nc)
Petroleum .....	2,080	(nc)	(nc)
Safety .....	2,330	(nc)	(nc)
Technicians .....	69,460	(nc)	(nc)
Computer, numerical tool, and process control programmers .....	6,490	(nc)	(nc)
Computer programmers .....	5,140	(nc)	(nc)
Numerical tool and process control programmers .....	1,350	(nc)	(nc)
Drafters .....	7,840	(nc)	(nc)
Architectural and civil drafters .....	1,590	(nc)	(nc)
Electrical and electronics drafters .....	2,240	(nc)	(nc)
Mechanical drafters .....	4,010	(nc)	(nc)

See explanatory information and SOURCE at end of table.

Table 10. Employed scientists, engineers, technicians (SETs), and SET managers,  
in SICs 70-89 (services), SIC 90 (government), and not allocated by industry, and the relative standard error: 2001  
[Filled positions]

Industry and SET occupation	Filled positions	SET intensity <sup>1</sup>	Relative standard error <sup>2</sup>
Not allocated by industry <sup>3</sup> -- continued:			
Engineering technicians .....	35,420	(nc)	(nc)
Aerospace engineering and operations technicians .....	4,250	(nc)	(nc)
Civil engineering technicians .....	2,770	(nc)	(nc)
Electrical/electronics engineering technicians .....	2,490	(nc)	(nc)
Electro-mechanical technicians .....	2,440	(nc)	(nc)
Environmental engineering technicians .....	1,240	(nc)	(nc)
Industrial engineering technicians .....	3,250	(nc)	(nc)
Mechanical engineering technicians .....	7,980	(nc)	(nc)
All other engineering technicians .....	11,000	(nc)	(nc)
Audio and video equipment technicians .....	3,400	(nc)	(nc)
Broadcast technicians .....	1,060	(nc)	(nc)
Traffic technicians .....	360	(nc)	(nc)
Transportation inspectors .....	6,180	(nc)	(nc)
Mathematical technicians .....	560	(nc)	(nc)
Physical and life science technicians .....	15,300	(nc)	(nc)
Agricultural and food science technicians .....	900	(nc)	(nc)
Biological technicians .....	680	(nc)	(nc)
Chemical technicians, except health .....	5,580	(nc)	(nc)
Environmental science and protection technicians, including health .....	2,040	(nc)	(nc)
Forensic science technicians .....	300	(nc)	(nc)
Forest and conservation technicians .....	650	(nc)	(nc)
Geological and petroleum technicians .....	3,800	(nc)	(nc)
Nuclear technicians .....	1,350	(nc)	(nc)
Surveying, cartographic, photogrammetric, and mapping technicians .....	3,850	(nc)	(nc)
Cartographers and photogrammetrists .....	710	(nc)	(nc)
Surveying and mapping technicians .....	2,130	(nc)	(nc)
Surveyors .....	1,010	(nc)	(nc)

<sup>1</sup> SET intensity = the ratio of SET employment (including SET managers) in a given SIC to total employment in that SIC, expressed in percentage terms.

<sup>2</sup> Relative standard error of the estimate of filled positions, expressed as a percentage.

<sup>3</sup> Includes SET and SET managers not reported in a specific industry.

KEY:       nc       = Not computed  
           <       = The estimated actual value is less than 0.05 for percentages when used to characterize SET intensity, and less than 0.5 for percentages when used to characterize relative standard error.  
           n.e.c.   = Not elsewhere classified.  
           SIC     = Standard Industrial Classification. See Technical Notes for explanation.

NOTE:       Because of rounding, components may not add to totals.

SOURCE:    National Science Foundation/Division of Science Resources Statistics, using data from U.S. Department of Labor/Bureau of Labor Statistics, Occupational Employment Statistics Survey.